

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number		10/033,141	
		Filing Date		2001-10-24	
		First Named Inventor		NIKOLAI K.N. LEUNG	
		Art Unit		2461	
		Examiner Name		MATTIS, JASON E	
Sheet	1	of	5	Attorney Docket No: 010438B1	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Number-Kind Code ² (if known)					
	001	US5164988	11-17-1992	MATYAS; Stephen M. et al.	
	002	US5237612	08-17-1993	RAITH; Alex K.	
	003	US5241598	08-31-1993	RAITH; Krister A.	
	004	US5748736	05-05-1998	MITTRA; Suvo.	
	005	US5778059	07-07-1998	LOGHMANI; Masoud. et al.	
	006	US6295361	09-25-2001	KADANSKY; Miriam C. et al.	
	007	US6473858	10-29-2002	SHIMOMURA; Tsutomu. et al.	
	008	US6658463	12-02-2003	DILLON; Douglas M. et al.	
	009	US6862684	03-01-2005	DIGIORGIO; Rinaldo.	
	010	US6959384	10-25-2005	SERRET-AVILA; Xavier.	
	011	US7069436	06-27-2006	AKACHI; Masateru.	
	012	US7181620	02-20-2007	HUR; Matthew.	
	013	US20020014159	02-07-2002	TATSUMI; Yasuo. et al.	
	014	US20020071558	06-13-2002	PATEL; Sarvar.	
	015	US20020076195	06-20-2002	NAKAJIMA; Yasuhisa. et al.	
	016	US20020102964	08-01-2002	PARK; Hyoung Sun.	
	017	US20030030581	02-13-2003	ROY; Aloke.	
	018	US20030031322	02-13-2003	BECKMANN; Mark. et al.	
	019	US20030087653	05-08-2003	LEUNG; Nikolai K.N. et al.	
	020	US20030123669	07-03-2003	KOUKOULIDIS; Vassilios. et al.	

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO				<i>Complete if Known</i>	
				Application Number	10/033,141
				Filing Date	2001-10-24
				First Named Inventor	NIKOLAI K.N. LEUNG
				Art Unit	2461
				Examiner Name	MATTIS, JASON E
Sheet	2	of	5	Attorney Docket No: 010438B1	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	021	US20030126440	07-03-2003	GO; Naomi. et al.	
	022	US20030135748	07-17-2003	YAMADA; Kazuhiro. et al.	
	023	US20030217057	11-20-2003	KUROIWA; Minoru. et al.	
	024	US20040151317	08-05-2004	HYYPPA; Timo. et al.	
	025	US20040199474	10-07-2004	RITTER; Rudolf.	
	026	US20040243808	12-02-2004	ISHIGURO; Ryuji. et al.	
	027	US20050063544	03-24-2005	UUSITALO; Ilkka. et al.	
	028	US20050165711	07-28-2005	HAMATSU; Makoto.	
	029	US20050238315	10-27-2005	KATAOKA; Mitsuteru.	
	030	US20070280169	12-06-2007	CAM WINGET; Nancy	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ - Number ⁴ -Kind Code ⁵ (if known)			
	031	JP2003124927	04-25-2003	SONY CORP	
	032	JP2001136507A	05-18-2001	SONY CORP.	
	033	JP2001177564A	06-29-2001	HITACHI LTD.	

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO				Complete if Known	
				Application Number	10/033,141
				Filing Date	2001-10-24
				First Named Inventor	NIKOLAI K.N. LEUNG
				Art Unit	2461
				Examiner Name	MATTIS, JASON E
Sheet	3	of	5	Attorney Docket No: 010438B1	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T S
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	034	JP2002064785A	02-28-2002	SONY CORP.		<input checked="" type="checkbox"/>
	035	JP2002232418A	08-16-2002	LUCENT TECHNOLOGIES INC.		<input checked="" type="checkbox"/>
	036	JP2003099327A	04-04-2003	AKASE YOICHI.		<input checked="" type="checkbox"/>
	037	JP2003259284A	09-12-2003	TOSHIBA CORP.		<input checked="" type="checkbox"/>
	038	JP2003297015A	10-17-2003	TOSHIBA CORP.		<input checked="" type="checkbox"/>
	039	JP2004048718A	02-12-2004	MATSUSHITA ELECTRIC IND CO LTD.		<input checked="" type="checkbox"/>
	040	JP5216411A	08-27-1993	IBM.		<input checked="" type="checkbox"/>
	041	JP2000513519	10-10-2000	NOKIA TELECOMMUNICATIONS OY.		<input checked="" type="checkbox"/>
	042	JP11510668T	09-14-1999	ICO SERVICES LTD.		<input checked="" type="checkbox"/>
	043	JP2002505458T	02-19-2002	TELEFONAKTIEBOLAGET ERICSSON LM.		<input checked="" type="checkbox"/>
	044	JP2002521879T	07-16-2002	CANAL SOCIETE ANONYME.		<input checked="" type="checkbox"/>
	045	JP2003339000A	11-28-2003	NEC CORP.		<input checked="" type="checkbox"/>
	046	KR200130725	04-16-2001	TELEFONAKTIEBOLAGET LM.		<input checked="" type="checkbox"/>
	047	WO0004718A1	01-27-2000	CANAL PLUS SA [FR]. ET AL.		<input type="checkbox"/>
	048	WO02080454A2	10-10-2002	QUALCOMM INC [US].		<input type="checkbox"/>
	049	WO2004025895A1	03-25-2004	ERICSSON TELEFON AB L M [SE]. ET AL.		<input type="checkbox"/>
	050	WO9716890A2	05-09-1997	ERICSSON GE MOBILE INC [US].		<input type="checkbox"/>
	051	WO9944114A1	09-02-1999	ERICSSON TELEFON AB L M [SE].		<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.19 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known Application Number 10/033,141 Filing Date 2001-10-24 First Named Inventor NIKOLAI K.N. LEUNG Art Unit 2461 Examiner Name MATTIS, JASON E		
Sheet	4	of	5	Attorney Docket No: 010438B1

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T S
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	052	WO00072609	11-30-2000	ERICSSON TELEFON AB L M [SE]		<input type="checkbox"/>
						<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
	053	PANNETRAT et al., Authenticating Real-Time Packet Streams And Multicasts, 2002 IEEE. Computers and Communications, 2002. Proceedings. ISCC 2002. Seventh International Symposium on, pp 490 – 495.	
	054	BAUGHER et al: "The Secure Real Time Transport Protocol (Draft 09)" INTERNET ENGINEERING TASK FORCE, AVT WORKING FROUP, INTERNET -DRAFT, July 2003, XP002320685.	
	055	MEIER J.D. et al: "Building Secure ASP.NET Applications: Authentication, Authorization, and Secure Communication: Cryptography and Certificates" MICROSOFT PATTERNS & PRACTICES, November 2002, pages 1-5, XP002321827.	
	056	ASAKA et al., "Dynamic Multicast Routing Using Predetermined Path Search". Technical Report of IEICE (The Institute of Electronics, Information and Communication Engineers). SSE95-56 IN99-37 CS99-78, September 27, 1999.	
	057	TADAUMI, "IP Technology as Communication Infra," The Institute of Electronics Information and Communication Engineers, column 83, No. 4, April 2000, pages 286-294.	
	058	WILLIAM Stallings: "Cryptography and network security: Principles and Practice" Second Edition, 1999, Prentice Hall, New Jersey.	

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ^sApplicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.